Software Requirement Specification(SRS)

For

Hotel Management System(HMS)

**1.Introduction**

**1.1 Purpose:**

This document is meant to delineate the features of HMS, so as to serve as a guide to the developers on one hand and a software Validation document for the prospective client on the other.

This project aims to creating on Hotel Management System which can be used by Admin and Customers. The admin to publish the availability of rooms in different hotels and customers are checking the availability of room in required hotel. Customers should be able to know the availability of the rooms on a particular date to reserve in hotel according to their location. They should be able to reserve the available rooms according to their need in advance to make their stay comfortable. The Admin hands the booking information of customers. The users can register and login into system. The hotel department maintain the seat availability and booking details in certain database. The administrator will know the details of reservation and daily income.

**1.2 Scope:**

This system allows the manager to post available rooms in the system. Customer can view and book hotel rooms online in advance according to their suitable location and cancel their room booking. Admin has the power of either approving or disapproving the customer’s booking request.

**1.3 Definitions:**

HMS – Hotel Management System (for book hotel rooms)

SRS- Software Requirement Specification

GUI- Graphical User Interface

Stackholder - The person who will participate in system

Ex. Customer, Administrator, Employees, etc.

**1.4 Overview:**

This system provides an easy solution for customers to book hotel rooms online in advance according to their location and dates without going to the hotel.

This proposed system can be used by any native users and it does not require any educational level, experience or technical expertise in computer field but it will be of good use if user has the good knowledge of how to operate a computer.

**2.Overall Description**

The Hotel Management System (HMS) is a web-based application that allows the hotel manager to handle all hotel activities online. Interactive GUI and the ability to manage various hotel bookings and rooms make this system very flexible and convenient. This application gives him the power and flexibility to manage the entire system from a single online system. Customer can view and book room online. Hotel Management project provides room booking, staff management, food & beverages.

**2.1 Product perspective:**

The main perspective of this project is to provide a online platform for Booking of hotel’s room with secure payment option and easy done.

This is basically similar to going hotel and booking that we have. But with the use of computers for creating online platform, it will be easy for people to book hotel at any time.

**2.2 Product Functions:**

Hotel Management System should support this use case: